

**EAST Search History**

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 0    | (signal same relevance<br>same merit same noise<br>same sever\$3 same<br>subset same criteri\$2).<br>clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2009/05/23<br>16:24 |
| L2    | 1743 | (600/509).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2009/05/23<br>16:24 |
| S1    | 13   | (("5959529") or<br>("5966692") or<br>("6225901") or<br>("20020067256") or<br>("6569095") or<br>("20030122677") or<br>("20030172940") or<br>("6664893") or<br>("20040085186") or<br>("6287252") or<br>("6102856") or<br>("5678562") or<br>("5634468")).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2006/09/11<br>18:41 |
| S2    | 0    | S1 and severity   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2006/09/11<br>18:42 |
| S3    | 60   | cardiac same severity with<br>event   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2006/09/11<br>18:47 |
| S4    | 8    | cardiac same rank\$3 with<br>event  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2006/09/11<br>18:47 |
| S5    | 156  | (607/18).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2006/09/11<br>19:51 |
| S6    | 4    | (("5967994") or<br>("6119035") or<br>("5876349") or<br>("5827196")).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2007/02/26<br>17:53 |
| S7    | 1    | ("20050171448").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2007/02/26<br>18:30 |
| S8    | 1    | ("4336810").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | OFF     | 2007/02/26<br>18:31 |

|     |     |  |                           |    |     |                  |
|-----|-----|--|---------------------------|----|-----|------------------|
| S9  | 856 | (quality or merit) with (signal or event) same (heart or cardiac or arrhythmi\$2)  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2007/02/27 10:12 |
| S10 | 357 | (quality or merit) with (signal or event) with (heart or cardiac or arrhythmi\$2)  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2007/02/27 10:39 |
| S11 | 7   | (merit) with (signal or event) with (heart or cardiac or arrhythmi\$2)   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2007/02/27 10:50 |
| S12 | 11  | korzinov.in.   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2007/02/27 10:50 |
| S13 | 1   | korzinov.in. and merit   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2007/02/27 10:50 |
| S14 | 26  | ("4456959"   "4781200"   "4965725"   "5092343"   "5140992"   "5209237"   "5257627"   "5280792"   "5331550").PN. OR ("5524631").URPN. | US-PGPUB; USPAT; USOCR    | OR | OFF | 2007/02/27 15:00 |
| S15 | 17  | S14 and @pd< "20030202"  | US-PGPUB; USPAT; USOCR    | OR | OFF | 2007/02/27 11:23 |
| S16 | 26  | ("4456959"   "4781200"   "4965725"   "5092343"   "5140992"   "5209237"   "5257627"   "5280792"   "5331550").PN. OR ("5524631").URPN. | US-PGPUB; USPAT; USOCR    | OR | OFF | 2007/02/27 15:00 |
| S17 | 1   | S16 and merit  | US-PGPUB; USPAT; USOCR    | OR | OFF | 2007/02/27 15:04 |
| S18 | 1   | ("20020068874").PN.  | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/02/27 15:01 |
| S19 | 6   | S16 and quality with signal  | US-PGPUB; USPAT; USOCR    | OR | OFF | 2007/02/27 15:08 |
| S20 | 1   | ("20020137994").PN.  | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/02/27 15:08 |
| S21 | 1   | ("5352198").PN.  | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/03/01 14:41 |

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|-----|----|---|------------------------------|----|-----|---------------------|
| S22 | 10 | (US-20020068874-\$ or US-20020137994-\$ or US-20020107553-\$).did. or (US-6751498-\$ or US-6836679-\$ or US-4967756-\$ or US-4336810-\$ or US-5827196-\$ or US-5967994-\$ or US-5524631-\$).did.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/01<br>16:36 |
| S23 | 3  | S22 and (tachy\$6 or brady\$6 or fibrillation of flutter)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/01<br>16:37 |
| S24 | 2  | S22 and (tachy\$6 or brady\$6 or fibrillation or flutter)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/01<br>16:37 |
| S25 | 67 | ("3647299"   "3704706"   "4063551"   "4086915"   "4095117"   "4407290"   "4537200"   "4549551"   "4621643"   "4649505"   "4700708"   "4705049"   "4723294"   "4763282"   "4770179"   "4773422"   "4799493"   "4800495"   "4802486"   "4819752"   "4824242"   "4848901"   "4860759"   "4863265"   "4867571"   "4869253"   "4869254"   "4883353"   "4892101"   "4907594"   "4911167"   "4927264"   "4928692"   "4934372"   "4948248"   "4949710"   "4955379"   "4956867"   "4958638"   "4960126"   "5025791"   "5054495"   "5057695"   "5058588"   "5078136"   "5246002"   "5267562"   "5273036"   "5348004"   "5351685"   "5431170"   "5458128"   "5467778"   "5479922"   "5482036"   "5485847"   "5490505"   "5494032"   "5511042"   "5524631"   "5553615"   "5632272"   "5685299"   "5758644"   "5769785"   "5853364"   "6157850").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/03/01<br>18:05 |
| S26 | 16 | S25 and (merit or quality)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/03/01<br>18:08 |

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| S27 | 26    | ("4456959"   "4781200"   "4965725"   "5092343"   "5140992"   "5209237"   "5257627"   "5280792"   "5331550").PN. OR ("5524631").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/03/01<br>18:07 |
| S28 | 10    | S27 and (merit or quality)   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2007/03/01<br>18:08 |
| S29 | 1     | ("20050171448").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/05/18<br>09:28 |
| S41 | 10    | (US-20020107553-\$ or US-20020137994-\$ or US-20020068874-\$).did. or (US-5967994-\$ or US-4336810-\$ or US-5827196-\$ or US-4967756-\$ or US-6836679-\$ or US-6751498-\$ or US-5524631-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2007/05/18<br>10:25 |
| S42 | 17004 | S41 adn ecg  | US-PGPUB;<br>USPAT              | OR | OFF | 2007/05/18<br>10:25 |
| S43 | 6     | S41 and ecg  | US-PGPUB;<br>USPAT              | OR | OFF | 2007/05/18<br>10:25 |
| S44 | 223   | electrode with scalp same skull  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2007/10/23<br>10:19 |
| S45 | 74    | S44 and @pd<"20030715"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2007/10/23<br>10:38 |
| S46 | 142   | S44 and @ad<"20040715"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2007/10/23<br>10:38 |
| S47 | 68    | S46 not S45  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2007/10/23<br>10:38 |
| S48 | 6     | ("20040082875"   "4533346"   "4852573"   "6597954"   "6647296"   "6920351").PN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/10/23<br>10:44 |
| S49 | 46    | ("3616791"   "3654916"   "4073011").PN. OR ("4336810").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/03/12<br>17:23 |
| S50 | 1     | S49 and merit  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2008/03/12<br>17:23 |

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| S51 | 71 | ("3647299"   "3704706"   "4063551"   "4086915"   "4095117"   "4407290"   "4537200"   "4549551"   "4621643"   "4649505"   "4700708"   "4705049"   "4723294"   "4763282"   "4770179"   "4773422"   "4799493"   "4800495"   "4802486"   "4819752"   "4824242"   "4848901"   "4860759"   "4863265"   "4867571"   "4869253"   "4869254"   "4883353"   "4892101"   "4907594"   "4911167"   "4927264"   "4928692"   "4934372"   "4948248"   "4949710"   "4955379"   "4956867"   "4958638"   "4960126"   "5025791"   "5054495"   "5057695"   "5058588"   "5078136"   "5246002"   "5267562"   "5273036"   "5348004"   "5351685"   "5431170"   "5458128"   "5467778"   "5479922"   "5482036"   "5485847"   "5490505"   "5494032"   "5511042"   "5524631"   "5553615"   "5632272"   "5685299"   "5758644"   "5769785"   "5853364"   "6157850").PN. OR ("6836679").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/03/12<br>17:26 |
| S52 | 12 | (US-20020068874-\$ or US-20020137994-\$ or US-20020107553-\$ or US-20050070810-\$).did. or (US-4336810-\$ or US-6836679-\$ or US-6751498-\$ or US-5967994-\$ or US-4967756-\$ or US-5524631-\$ or US-5827196-\$ or US-6427086-\$).did.   | US-PGPUB;<br>USPAT           | OR | OFF | 2008/03/12<br>17:27 |
| S53 | 0  | ("2002/0068874").URPN.   | USPAT                        | OR | OFF | 2008/03/12<br>17:28 |

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| S54 | 27  | ("4256118"   "4519396"   "4569356"   "4573479"   "4781200"   "4898179"   "4945917"   "5025787"   "5025795"   "5042499"   "5123420"   "5170791"   "5184619"   "5209237"   "5257627"   "5372139"   "5373843"   "5509416"   "5524631"   "5529064"   "5546953"   "5596993"   "5807271"   "5833622"). PN. OR ("6751498"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:28 |
| S55 | 13  | ("5224486"   "5701906"   "5779645").PN. OR ("5967994").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:28 |
| S56 | 37  | ("4216779"   "4252127"   "4273136"   "4313445"   "4326536"   "4407297"   "4461266"   "4501281"   "4660567"   "4712564"   "4722349").PN. OR ("4967756").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:28 |
| S57 | 30  | ("4456959"   "4781200"   "4965725"   "5092343"   "5140992"   "5209237"   "5257627"   "5280792"   "5331550").PN. OR ("5524631").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:28 |
| S58 | 10  | ("4751931"   "4987901"   "5685315").PN. OR ("5827196").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:29 |
| S59 | 225 | S49 S51 S54 S55 S56 S57<br>S58   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/12 17:29 |
| S60 | 5   | S59 and merit  | US-PGPUB; USPAT; USOCR | OR | ON  | 2008/03/12 17:29 |
| S61 | 4   | S52 and merit  | US-PGPUB; USPAT; USOCR | OR | ON  | 2008/03/12 17:29 |
| S62 | 8   | S60 S61  | US-PGPUB; USPAT; USOCR | OR | ON  | 2008/03/12 17:29 |
| S63 | 26  | cardiac same sampl\$3<br>same events and merit\$6  | US-PGPUB; USPAT; USOCR | OR | ON  | 2008/03/13 13:09 |

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|-----|-----|--|---------------------------------|----|-----|---------------------|
| S64 | 26  | cardiac same sampl\$3<br>same event and merit\$6   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2008/03/13<br>13:09 |
| S65 | 12  | ("4449536"   "4567883"  <br>"4633884"   "4716903"  <br>"4802222"   "4882754"  <br>"4947858"   "5215098"  <br>"5217021"   "5263486").<br>PN. OR ("6161043").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/03/13<br>13:21 |
| S66 | 0   | S65 and merit\$6   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/03/13<br>13:22 |
| S67 | 130 | cardiac same sampl\$3<br>same event and discard\$3   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2008/03/13<br>13:26 |
| S68 | 89  | cardiac same sampl\$3<br>same event and (sample<br>or event) same discard\$3   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2008/03/13<br>13:36 |
| S69 | 23  | S68 and @pd<"20030202"   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2008/03/13<br>13:45 |
| S70 | 214 | (607/18).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/03/13<br>15:37 |
| S71 | 19  | (US-20020068874-\$ or US-<br>20020137994-\$ or US-<br>20020107553-\$ or US-<br>20050070810-\$ or US-<br>20020016548-\$).did. or<br>(US-4336810-\$ or US-<br>6836679-\$ or US-6751498-<br>\$ or US-5967994-\$ or US-<br>4967756-\$ or US-5524631-<br>\$ or US-5827196-\$ or US-<br>6427086-\$ or US-5553615-<br>\$ or US-4924875-\$ or US-<br>6161043-\$ or US-6115628-<br>\$ or US-5908392-\$ or US-<br>5732708-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2008/11/20<br>17:05 |
| S72 | 16  | S71 and noise  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/20<br>17:05 |
| S73 | 0   | S71 and merit same noise   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/20<br>17:06 |
| S74 | 0   | S71 and merit\$6 same<br>noise   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2008/11/20<br>17:06 |

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|-----|----|--|---------------------------------|----|-----|---------------------|
| S75 | 0  | S71 and merit\$8 same noise  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2008/11/20<br>17:07 |
| S76 | 1  | ("20050171448").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/21<br>10:46 |
| S77 | 1  | S76 and third  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/21<br>10:46 |
| S78 | 0  | S76 and subsets  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/21<br>10:46 |
| S79 | 1  | S76 and subset   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/21<br>10:46 |
| S80 | 1  | S76 and categories   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2008/11/21<br>10:47 |
| S81 | 29 | ("4223678"   "4295474"  <br>"4625730"   "5012814"  <br>"5086778"   "5113869"  <br>"5312446"   "5355892"  <br>"5383909"   "5413594"  <br>"5487754"   "5513645"  <br>"5518001"   "5522850"  <br>"5549654").PN. OR<br>("5732708").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/11/21<br>10:48 |
| S82 | 2  | S81 and discard\$3   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/11/21<br>10:48 |
| S83 | 1  | S82 and transmit\$4  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2008/11/21<br>10:56 |

5/ 23/ 2009 4:26:02 PM

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